WE CLAIM:

1. A system comprising:

a reservoir;

a pump coupled to the reservoir;

a catheter coupled to the pump and adapted for delivering a therapeutic agent to a cerebrospinal fluid of a patient; and

an injectable gabapentin composition housed in the reservoir and deliverable through the catheter in an amount effective to treat pain in the patient when administered to the cerebrospinal fluid of the patient.

2. The system of claim 1, wherein the amount of gabapentin administered is an amount effective to treat pain in a human.

3. The system of claim 1, wherein the injectable gabapentin composition is a solution.

4. The system of claim 3, wherein the solution comprises between about 0.1 mg/mL and about 100 mg/mL gabapentin.

5. The system of claim 4, wherein the solution comprises between about 10 mg/mL and about 80 mg/mL gabapentin.

6. The system of claim 5, wherein the solution comprises about 80 mg/mL gabapentin.

7. The system of claim 5, wherein the solution comprises between about 20 mg/ml and about 40 mg/ml gabapentin.

8. The system of claim 5, wherein the solution comprises about 30 mg/ml gabapentin.

9. The system of claim 3, wherein the solution comprises gabapentin and water.

10. The system of claim 9, wherein the solution comprises is sterile water.

11. The system of claim 9, wherein the solution further comprises sodium chloride.

12. The system of claim 11, wherein the solution comprises about 0.9% (w/v) sodium chloride.

13. The system of claim 11, wherein the solution comprises sodium chloride in an amount such that the solution is substantially isotonic with the cerebrospinal fluid.

14. The system of claim 11, wherein the solution comprises sterile saline.

15. The system of claim 9, wherein the solution has a pH between about 4 and about 9.

16. The system of claim 15, wherein the solution has a pH between about 5 and about 7.

17. The system of claim 16, wherein the solution has a pH between about 5.5 and about 6.5.

18. The system of claim 9, wherein the solution comprises essentially no preservatives.

19. The system of claim 9, wherein the solution comprises essentially no buffers.

20. The system of claim 3, wherein the solution comprises less than about 5% (w/v) of a gabapentin lactam.

21. The system of claim 6, wherein the solution has a pH between about 5.5 and about 6.5 and comprises essentially no preservatives, essentially no buffers, and less than about 5% (w/v) of gabapentin lactam.

22. The system of claim 1, wherein the pump is an implantable pump.

23. The system of claim 1, wherein the pump is an external pump.

24. The system of claim 1, wherein the injectable composition further comprises an opioid agonist.

25. The system of claim 1, wherein the injectable composition further comprises a GABA agonist.

26. The system of claim 25, wherein the GABA agonist is baclofen.

27. The system of claim 1, further comprising a patient controlled activator capable of instructing the pump to deliver an additional amount of the injectable composition.

28. A method for treating a pain in a patient in need thereof, the method comprising: administering to a cerebrospinal fluid of the patient a composition comprising gabapentin in an amount effective to treat pain in the patient, wherein the gabapentin is administered by a system comprising a pump.

29. The method of claim 28, wherein the gabapentin is administered to the cerebrospinal fluid by infusing gabapentin into the subarachnoid space around the spinal cord.

30. The method of claim 28, wherein the pain is chronic pain.

31. The method of claim 30, wherein the chronic pain is nociceptive pain.

32. The method of claim 30, wherein the chronic pain is neuropathic pain.

33. The method of claim 30, wherein the chronic pain is mixed pain.

34. The method of claim 28, wherein gabapentin is administered at a daily dose of between about 0.1 mg and about 200 mg.

35. The method of claim 34, wherein gabapentin is administered at a daily dose of between about 1 mg and about 150 mg.

36. The method of claim 35, wherein gabapentin is administered at a daily dose of between about 2 mg and about 60 mg.

37. The method of claim 28, wherein gabapentin is administered at a daily dose of greater than about 25 mg.

38. The method of claim 28, wherein gabapentin is administered at a daily dose of less than about 25 mg.

39. The method of claim 38, wherein gabapentin is administered at a daily dose of between about 0.1 mg and about 10 mg.

40. The method of claim 28, wherein the pump is an implantable pump.

41. The method of claim 28, wherein the pump is an external pump.

42. The method of claim 28 further comprising administering an opioid agonist to the cerebrospinal fluid of the patient.

43. The method of claim 42, wherein the composition comprising gabapentin futher comprises the opioid agonist.

44. The method of claim 28 further comprising administering a GABA agonist to the cerebrospinal fluid of the patient.

45. The method of claim 44, wherein the GABA agonist is baclofen.

46. The method of claim 44, wherein the composition comprising gabapentin further comprises the GABA agonist.

47. The method of claim 28, wherein the patient controls the amount of the composition administered.

48. The method of claim 47, wherein the patient controls the amount of the composition administered by way of a patient-controlled activator.

49. The method of claim 47, wherein the patient controls the amount of the composition administered for treatment of episodic pain not well controlled by a baseline level of gabapentin administration.

50. A method for treating a pain in a patient in need thereof, the method comprising: administering to a cerebrospinal fluid of the patient a composition comprising gabapentin in an amount effective to treat pain in the patient, wherein gabapentin is administered at a daily dose of greater than or equal to about 25 mg and wherein the patient experiences substantially no somnolence, dizziness, ataxia, or motor weakness due to the gabapentin.

51. A method for preparing a system of claim 1, comprising
adding the injectable gabapentin composition to the reservoir.